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States Government

Department of Energy

DUE
DATE

Memorandum

Rocky Flats Office

JAN 26 10 23 AM '93

ACTION

DIST. LTR ENC

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|-------------------|-------------------------------------|
| BENEDETTI, R.L. | <input checked="" type="checkbox"/> |
| BENJAMIN, A. | <input type="checkbox"/> |
| BERMAN, H.S. | <input type="checkbox"/> |
| CARNIVAL, G.J. | <input type="checkbox"/> |
| CORDOVA, R.C. | <input type="checkbox"/> |
| CROUCHER, D.W. | <input type="checkbox"/> |
| DAVIS, J.G. | <input type="checkbox"/> |
| FERRERA, D.W. | <input type="checkbox"/> |
| HANNI, B.J. | <input type="checkbox"/> |
| HEALY, T.J. | <input type="checkbox"/> |
| HEDAHL, T.G. | <input type="checkbox"/> |
| HILBIG, J.G. | <input type="checkbox"/> |
| IDEKER, E.H. | <input type="checkbox"/> |
| KIRBY, W.A. | <input type="checkbox"/> |
| KUESTER, A.W. | <input type="checkbox"/> |
| LEE, E.M. | <input type="checkbox"/> |
| MANN, H.P. | <input type="checkbox"/> |
| MARX, G.E. | <input type="checkbox"/> |
| McKENNA, F.G. | <input type="checkbox"/> |
| MORGAN, R.V. | <input type="checkbox"/> |
| PIZZUTO, V.M. | <input type="checkbox"/> |
| POTTER, G.L. | <input type="checkbox"/> |
| RILEY, J.H. | <input type="checkbox"/> |
| SANDLIN, N.B. | <input type="checkbox"/> |
| SATTERWHITE, D.G. | <input type="checkbox"/> |
| SCHUBERT, A.L. | <input type="checkbox"/> |
| SETLOCK, G.H. | <input type="checkbox"/> |
| SHEPLER, R.L. | <input type="checkbox"/> |
| SULLIVAN, M.T. | <input type="checkbox"/> |
| SWANSON, E.R. | <input type="checkbox"/> |
| WILKINSON, R.B. | <input type="checkbox"/> |
| WILSON, J.M. | <input type="checkbox"/> |
| ZANE, J.O. | <input type="checkbox"/> |

Greengard TV

Taylor K
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|----------------|-------------------------------------|-------------------------------------|
| CORRES CONTROL | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| TRAFFIC | <input type="checkbox"/> | <input type="checkbox"/> |

Reviewed for Addressee
Corres. Control RFP

1-26-93

DATE BY

Ref Ltr. #

JAN 25 1993

ERD:SRG:00851

Possible Use of the Laser Ablation Induced Coupled-Atomic Emission Spectrometer

Ralph Lightner, Director, Office of Southwestern Programs, EM-45, HQ

This memorandum is in reference to your January 5, 1993, telefax of the November 20, 1992, memorandum from David Mathes to A. Chernoff. The subject memorandum concerned possible EM-40 use of the laser ablation induced coupled-atomic emission spectrometer (ICP-AES) that has been developed by the Ames Laboratory. The Rocky Flats environmental restoration program is **extremely** interested in this technology which we feel could be used **immediately** in our remedial investigations and other activities at Rocky Flats. As you are aware, we have surface and subsurface plutonium, americium, and uranium contamination that we need "real-time" analysis capability.

Because of our need for such technology, we would be interested in being the location of a field demonstration/evaluation of the ICP-AES as offered in the November 20, 1992 memorandum.

If the option of a field demonstration/evaluation is past, we encourage the continued development of the ICP-AES technology and are interested in receiving additional information.

If you have any questions, please direct them to Scott Grace of my staff at 966-7199.



Richard J. Schassburger
Acting Director
Environmental Restoration Division

cc:
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A. Rampertaap, EM-453
J. Ciocco, EM-453
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T. Crandall, EM-451
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